

Title (en)

Open field system for magnetic surgery

Title (de)

System mit offenem Feld für magnetische Chirurgie

Title (fr)

Système à champ ouvert servant à la chirurgie magnétique

Publication

EP 1126899 B2 20150114 (EN)

Application

EP 99971339 A 19991102

Priority

- US 9925696 W 19991102
- US 10714498 P 19981103
- US 21172398 A 19981214

Abstract (en)

[origin: EP2255743A2] The magnetic coils (72, 74, 76) are arranged to provide a magnetic force within an operating region sufficient to move a magnetic medical device within that portion of a patient inside the operating region.

IPC 8 full level

A61M 19/00 (2006.01); **G01N 24/00** (2006.01); **A61B 1/00** (2006.01); **A61B 5/055** (2006.01); **A61B 6/00** (2006.01); **A61B 6/02** (2006.01); **A61B 6/12** (2006.01); **A61B 19/00** (2006.01); **A61M 25/01** (2006.01); **A61N 2/02** (2006.01); **G01R 33/3815** (2006.01); **G01R 33/48** (2006.01); **A61B 6/04** (2006.01)

CPC (source: EP US)

A61B 34/70 (2016.02 - EP US); **A61B 34/73** (2016.02 - EP US); **A61B 6/0487** (2020.08 - EP US); **A61B 6/4441** (2013.01 - EP US); **A61B 2034/733** (2016.02 - EP US)

Citation (opposition)

Opponent :

- F. AMBLARD ET AL.: "A magnetic manipulator for studying local rheology and micromechanical properties of biological systems", REV. SCI. INSTRUM., vol. 67, no. 3, March 1996 (1996-03-01), pages 818 - 827
- R. G. MCNEIL ET AL.: "Characteristics of an improved magnetic-implant guidance system", IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING, vol. 42, no. 8, August 1995 (1995-08-01), pages 802 - 808

Designated contracting state (EPC)

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